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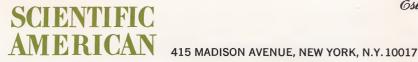


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SCIENTIFIC AMERICAN,

PUBLISHED EVERY THURSDAY MORNING, AT NO. 11
SPRUCE STREET, NEW YORK, NO. 16 STATE
STREET, BOSTON, AND NO. 21 ARCADE,
PHILADLIPHIA,
(THE PRINCIPAL OFFICE BEING IN NEW YORK,)

By RUFUS PORTER.

Any person procuring two or more sub-tled to a commission of 28 cents each.

Wife, Children and Friends,

If the stock of our bliss be in stranger hands vester The fund, ill secured, oft in bankruptcy ends; But the heart issues bills which are never protests When drawn on the firm of—wife, children and fe

Though valour still glows in life's dying embers,
The death-wounded tar, who his colours defen
Drops a tear of regret as he, dying, remembers
How bleat was his home with—wife, childrificults.

The day-spring of youth, still unclouded by sorrow,
Alone on itself for enjoyment depends;
But drear is the twilight of age, if it borrow
No warmth from the smile of—wife, children, and
friends.

me wave the willow, and long may it flow dewed with the tears of—wife, children, an

Attraction.

Attraction is a curious power,
That none can understand;
Its influence; is every where—
In water, air and land;
It keeps the earth compact and tight,
As though strong boils were through it;
And, what is more mysterious yet,
It binds us mortals to it.

I know the compass always points
Directly at the pole:
Some say the north star causes this,
And some say—Symms*s Hole:
Prehaps it does—prehaps it don't;
Prehaps one other cause;
Keep on prehapsing—who can solve
Attraction's hidden laws?

NEW-WORK, THURSDAY, AUGUST 28, 1845,

(60

IMPROVED RAIL-ROAD CARS.

SCIENTIFIC AMERICAN



CATALOGUE OF AMERICAN PATENTS

ISSUED Dr. 1844.
CLASS 1.—Agriculture, including Ins

24th.
De. Jacob D. Fulkerson, Unity, Ohio, July 1st,
De. Oliver Reynolds, Webster, N. Y., Dec. 4th.
Bee Palaces, Lemon Hamila, Krickenville, Ohio,
July 13th.
Improvements in Churas-George W. Cook, St.
Louis, Mo., Feb. 28th.
De. Harmess Benty, Ballston, N. Y., April 20th.
De. Jason B. Schermerhorn, New York, June
8th.

Do. 38001 By Counterland, Me, Aug. 21st.
Cho. Thomas Ling, Portland, Me, Aug. 21st.
Com and Cane Cutters—Jacob Peck, Oakland,
Peno, Aug. 28t.
Com Fodder, Cutting and Crashing—Radolph
Miller, York, Peno, Oct. 3d.
Corn-Sheller—William McAll, Talladega, Indiaand 12sh. , April 13th. Cultivator—Robert Nelson, West Point, la., Jan.

th. Cultivator—William Dyzert, Gettysburg, Pena., g. 16th. Cultivator vator Teeth—James Birdsall, Hamorton, Nov. 9th.

untard recom-lames Brussaii, ramorosa, Abor Sth. Messaler McWilliams, Wash-row, award-titing—Dennis Rice, Rowe, May 17th.

May 17th. Messaler McWilliams, Carwford, Woo-blo, Dec. Slat.

Iling and Pearling Rice—Jacob Grost, Troy, July 11th.

Wing, Grain Cradles—William A. Wood and C. Loveland, Hoosick Falls, N. Y., Nov.

wing, Harvesting Machines—George Esterly, Prarie, W. T., Oct. 22d. wing, Hemp Cradles—Griffin Reynolds, jun-ington, Ky., May 30th. wing, Reaping Machines—William F. Ketch-Jordon, N. Y., Nov. 18th. provement in Ploughs—John Thompson, Rip-hio, April 17th. rovement in Ploughs—John Thompson, Rip-hio, April 17th. Aaron Smith, Bloomfield, Mich., May 6th. Jonathan Mooers, Hazelton, Penn, July 1st. Anthony Taylor, New Garden, Ohio, Dec.

th, adjusting—William R. Allan, Browns-, Jan. 31st. th, combined—Harvey Crown, Payson, Ill., 9th. double-Aaron Smith, Bloomfield, Mich.

h.
h., excavating ditches—James Herbert, Lala., April 13th.
h. gathering weeds under the furrow slice—
lills, East Hartford, Ct. Oct. 7th.
h, wheel—Israel Long, Bucyrus, Ohio,
th.

Diggers—Archibald C. Ketchum, Sche-N. Y., Feb. 20th. rain—Benoni F. Partridge, Onondaga, N.

rain—Benoni F. Partridge, Onondaga, N.
13th.
and Cane Cuttern—Robert Lauve, PlaLao, Sept. 17th.
Thomas H. Hoskinge,
illie, Ia., Jan. 20th.
planting machines—Direck Brewer, Peison., April 4th.
ed planties—Local Pratt, Amberst, N.
day, May 10th,
day, 10th,
day, 10th,
day, 10th,
delplanties—Local Pratt, Penn., Decand F. Haines, Marietta, Penn., Dec-

ng machines-Ezra Fisk, Fayette, -Meredith Mallory, Mount Mor-

20th. ne-Jacob W. Brown, Mount Airy,

cammon and R. Nason, Waterville, Snyder, Charleston, Va., April

James, Mount Holly, N. J., May Straub, Milton, Penn., May 17th. Young, Parkman, Ohio, June 5th. Nelson, Harrisburg, Penn., June

Do. Hiram M. Smith, Richmond, Va., Feb. 20th.
Do. Eliakim Taylor, Rochester, N. Y., Oct. 13th.
Do. Ezn Taylor, Rochester, N. Y., Oct. 13th.
Do. Ezn Taylor, Monoe, N. Y., Nor. 6th.
Threshing Machine—Luther & Erra Whitman,
Winthrup, Me, March 20th.
Do. Charles W. Catheart, New Durham, Ind.,
April 23th, and Frederick A. Stauxt, Cutharine, N.
Threshing and Winnowing Machine, and GarteSeparater.—Journal of the Company of the

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